

**FREE
CLASSES!**

The Outdoor Campus-West

South Dakota Department of
Game, Fish and Parks

School Programs



Winter 2012-13

Application Procedures for School Programs



Due to the popularity of our school field trips and limited staff, school field trips are chosen through a lottery that will be held on November 21, 2012.

An application for the lottery will be available on-line and at the campus on **Tuesday November 6th and is required.**

DEADLINE

The application period ends on Tuesday,
November 20 at 3:00 pm

School programs are **free**.
Thank a hunter or angler for supporting our education efforts!

**There are several ways to apply
for a school field trip at
The Outdoor Campus-West:**

Pickup an application at the campus, or download the application from our website at

www.outdoorcampus.org

Click on "Teachers" link

Fill it out completely and return by:

E-mail to: **nicomas.redhorse@state.sd.us**

Fax: to **(605) 394-1793**

Mail to:

School Programs, The Outdoor Campus-West

4130 Adventure Trail, Rapid City, SD 57702

(or deliver in person)

School Program Information

Our programs meet state and national science education standards.

PRESCHOOL and ELEMENTARY

We will be offering Preschool and Elementary programming four days a week-**Tuesday, Wednesday, Thursday, and Friday** for the weeks of **December 4-7 and 11-14; January 8-11, 15-18, 22-23, and January 29– 31; February 5-8, 12-15, 20-22, and 26-27** (except for the following two Thursdays that are reserved for Middle School Days: **January 24 and February 28.**

MIDDLE SCHOOL

We will be offering two Middle School Days this winter, where students will spend an entire day at The Outdoor Campus-West, rotating through 4-5 different stations.

The Outdoor Campus can accommodate up to 80 students each day. Larger schools may need to come two separate days. Smaller schools can combine grade levels to fill the maximum number, or may be able to join another smaller school for the day. In addition to preparing your students for this experience, you must provide at least 5 chaperones. Our staff will visit briefly with your chaperones the morning of your visit. Each student, chaperone and teacher must also bring a sack lunch. Due to the popularity of this day, schools are allowed to participate once a school year. We do offer these days every season (Fall, Winter, and Spring). Each grade is allowed to attend one middle school program per school year from this brochure. This winter, Middle School Days will be held **9:00 am to 2:30 pm** on the following **Thursdays: January 24 and February 28.**

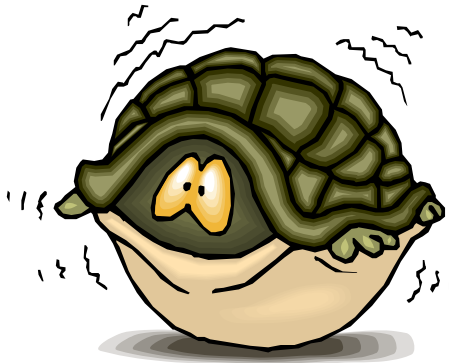
Winter Program Options

Please select from the following list of on-campus programs for winter field trips. Be sure to read the registration information.

Preschool – 2nd Looking at Leaves

Children practice their observation skills by comparing leaves.

(60 minutes) K-2.N.2, K-2.P.1.1, 1-2.L.1.1



Preschool – 2nd Hiding in Plain Sight

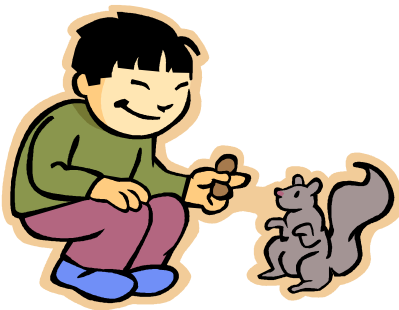
Children play a game of hide and seek to learn about important adaptations of many wild animals.

(60-90 minutes) K-2.N.2, 2.L.1.2

Preschool – 2nd Tracks

Children explore animal tracks and make and compare tracks of their own.

(60 –90 minutes) K-2.N.2, 1.P.1.1, 2.L.1.2



Preschool – 2nd What's Wild?

Children engage in stories comparing the lives of wild and tame animals, and then sort animals into categories. (60 minutes) K-2.N.2, 2.L.1.2



Preschool – 2nd Backbone Bonanza

Children learn about vertebrates and some characteristics that distinguish them from invertebrates. (60 minutes)

K-2.N.2, 1.P.1.1, 2.L.1.2



Preschool—4th Habitat High Rise

By closely observing an animal's home, you can discover how they live and what they do. In this activity, participants will investigate a habitat area to discover and translate clues of animals' activities.

(60 minutes) K.L.3, 1.L.3.1, 2.N.2, 3.N.2, 3.L.3.2



2nd – 12th Nature's Mysteries

Try to solve nature's mysteries; the excitement lies in the guessing and wondering! In groups, students will become investigators and attempt to interpret animal evidence.

(90 minutes). 2.N.2, 3.N.2, 3.L.3.2, 4.N.2, 5.N.2, 9-12.N.2.1, 9-12.L.3.1



3rd – 5th Beginning Botanist (popular)

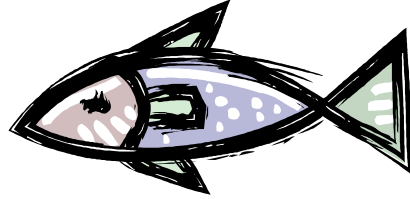
Learn some beginning botany skills that will help you to identify some common trees found in western South Dakota in the winter.

(2 hours) 3-5N.1.2; 3-5.P.1.1; 3.L.1.1; 4.L.2.1; 5.L.2.2



3rd – 5th *Beginning Entomologist*

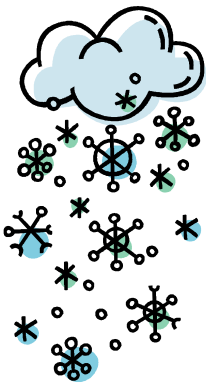
If there are no insects around all winter, where do they come from in the spring? They must be somewhere. Let's see what we can find out about insects in winter. (2 hours) 3-5N.1.2; 3-5.P.1.1; 3.L.1.1;



3rd – 5th *Fish in Winter*

In winter, South Dakota's snow-covered landscape can often look lifeless and empty. But plants and animals are alive and thriving under the ice and snow. Discover how fish survive in the winter.

(2 hours) 3-5N.1.2; 3.L.1.2; 3-4.L.2.1; 5.L.3.3



3rd – 5th Snow School

Learn all about the science of snow! We will use our natural curiosity about snow as a gateway into scientific exploration. Students may use snowshoes (weather permitting).

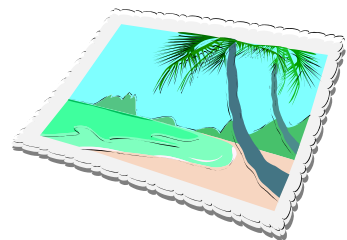
(2-2½ hours) 3-5.P.1.1; 3-5.P1.3; 6-8.P.1.3

4th – 12th Nature Photography

Practice observation skills through photography to capture nature's fleeting moments before they escape from our view. Participants will learn the basics of digital photography and practice taking photographs that tell a story.

Limited to 20 students. (2 hours)

4.N.2, 5.N.2, 6-8.N.2.1, 6-8.L.3.1, 9-12.N.2.1, 9-12.L.3.1



5th – 6th Move Over Rover

Students play a game in which they will identify characteristic animals found in several ecosystems and match those animals to the environment in which they live. (90 minutes)

3-4.L. 2.1, 3-4.L.3.1



7th – 8th Ecosystem Facelift

Students will simulate the restoration of a working ecosystem on two different sites, and then share their design, and contrast the influencing factors.

(90-120 minutes) 7-8 N.2.1, 7.L.3.1

7th – 12th “The Loneliest Animals”

Students will develop an understanding of diversity and adaptations of organisms by watching video segments and participating in a hands-on activity that simulates the gene-pool analysis of a population of black-footed ferrets.

(90-120 minutes) 7. L.3.1, 9-12. L.2.2



Middle School Days

9:00 am to 2:30 pm on the following Thursdays:

January 24 and February 28

Limited to 80 students with 5 chaperones

4 station rotation

1. Introduction to Snowshoeing—weather permitting

Learn about appropriate clothing and technique, then practice on our trails. This program may be substituted for one of the programs below if there is less than 4” of snow. (80 minutes) 6-8.S.1.1

2. Botany

Learn some beginning botany skills that will help you to identify some common trees found in western South Dakota in the winter. (80 minutes) 3-5N.1.2; 3-5.P.1.1; 3.L.1.1; 4.L.2.1; 5.L.2.2

3. Nature’s Mysteries

Try to solve nature’s mysteries; the excitement lies in the guessing and wondering! In groups, students will become investigators and attempt to interpret animal evidence. (80 minutes) 2.N.2, 3.N.2, 3.L.3.2, 4.N.2, 5.N.2, 9-12.N.2.1, 9-12.L.3.1

4. Nature Photography

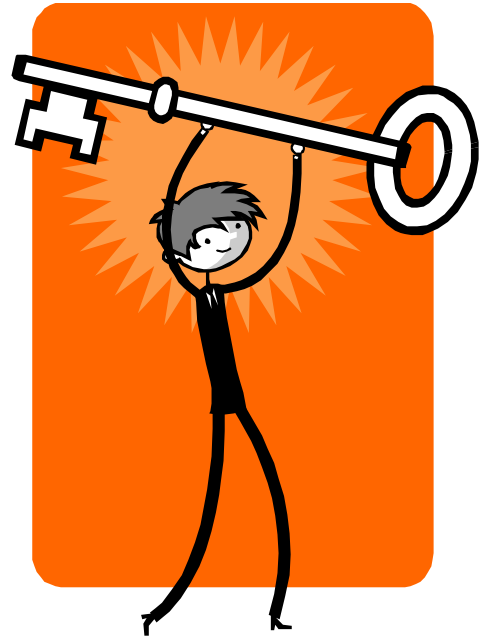
Practice observation skills through photography to capture nature’s fleeting moments before they escape from our view. Participants will learn the basics of digital photography and practice taking photographs that tell a story. (80 minutes) 4.N.2, 5.N.2, 6-8.N.2.1, 6-8.L.3.1, 9-12.N.2.1, 9-12.L.3.1

5. The Loneliest Animals

Students will develop an understanding of diversity and adaptations of organisms. (80 minutes) 7. L.3.1, 9-12. L.2.2

Keys to Success:

In filling out the form, select 3-4 possible dates in case someone ahead of you has chosen your first date. If you are riding a bus, application can be filled out for a maximum of two classrooms. You may apply for only one program and one time slot per classroom per school year.



Group Size: To provide quality programming, the maximum class size for most programs has been set at 30 students. The minimum number of students is 10.

Cost: There are no fees for these programs. Thank a hunter or angler for supporting these education programs.

Cancellations: Please notify us of all cancellations or adjustments to number as soon as possible so we can plan accordingly.

Chaperones: We encourage chaperones' participation to assist with supervision of students. We request a 1 to 10 ratio for all field trips.

Application for School Programs

Contact Person: _____

Work Phone: _____ Home Phone: _____

School: _____

Address: _____

City: _____ State: _____ Zip Code: _____

E-mail: _____

Number of Students (min. 10 - max. 30) _____

Grade: _____ Ages: _____ to _____

Special Needs (Please indicate any students with mobility, disability, health, allergies, or other concerns): _____

Program Requested: (Choose only one): _____

Preferred Dates and Times (choose 3-4 in order of preference):

	Date	Arrival Time
1 st choice	_____	_____
2 nd choice	_____	_____
3 rd choice	_____	_____
4 th choice	_____	_____

Additional Notes/Questions:

A Teacher Resource:

"Critter Crates"



We have crates of teaching materials that you can borrow for up to two weeks with a security deposit of \$75. We cannot accept credit cards. When the crate is returned and after a satisfactory inventory of its contents, your check will be shredded or returned. These are the crates that we lend:

Elk Trunk

Bat Crate

Critter Crate

Swift Fox Box

Cougar Crate

Fishing Kit

To reserve these crates contact staff at (605) 394-2310 or TOCWest@state.sd.us

On Your Own Visits:

School or preschool groups may visit The Outdoor Campus-West on their own. This option is popular with groups who are not able to schedule a field trip led by staff.

The following guidelines will help make your trip successful:

1. You must call and schedule your group in advance. This prevents conflict with other groups and Outdoor Campus programs.
2. Plan 1 to 2 hours to visit the campus facility and grounds.
3. You may pickup scavenger hunt worksheets at the front table as you enter the building. These hunts provide a more in-depth exploration of the inside exhibits.
4. Dress for the weather and plan time to explore the grounds and "natural playground" outside.



Contact Information

School Programs
The Outdoor Campus-West
4130 Adventure Trail
Rapid City, SD 57702
(605) 394-2528

Email: nicomas.redhorse@state.sd.us
or tocwest@state.sd.us

Website: www.outdoorcampus.org

Facebook: outdoorcampuswest

Twitter: outdrcampuswest

